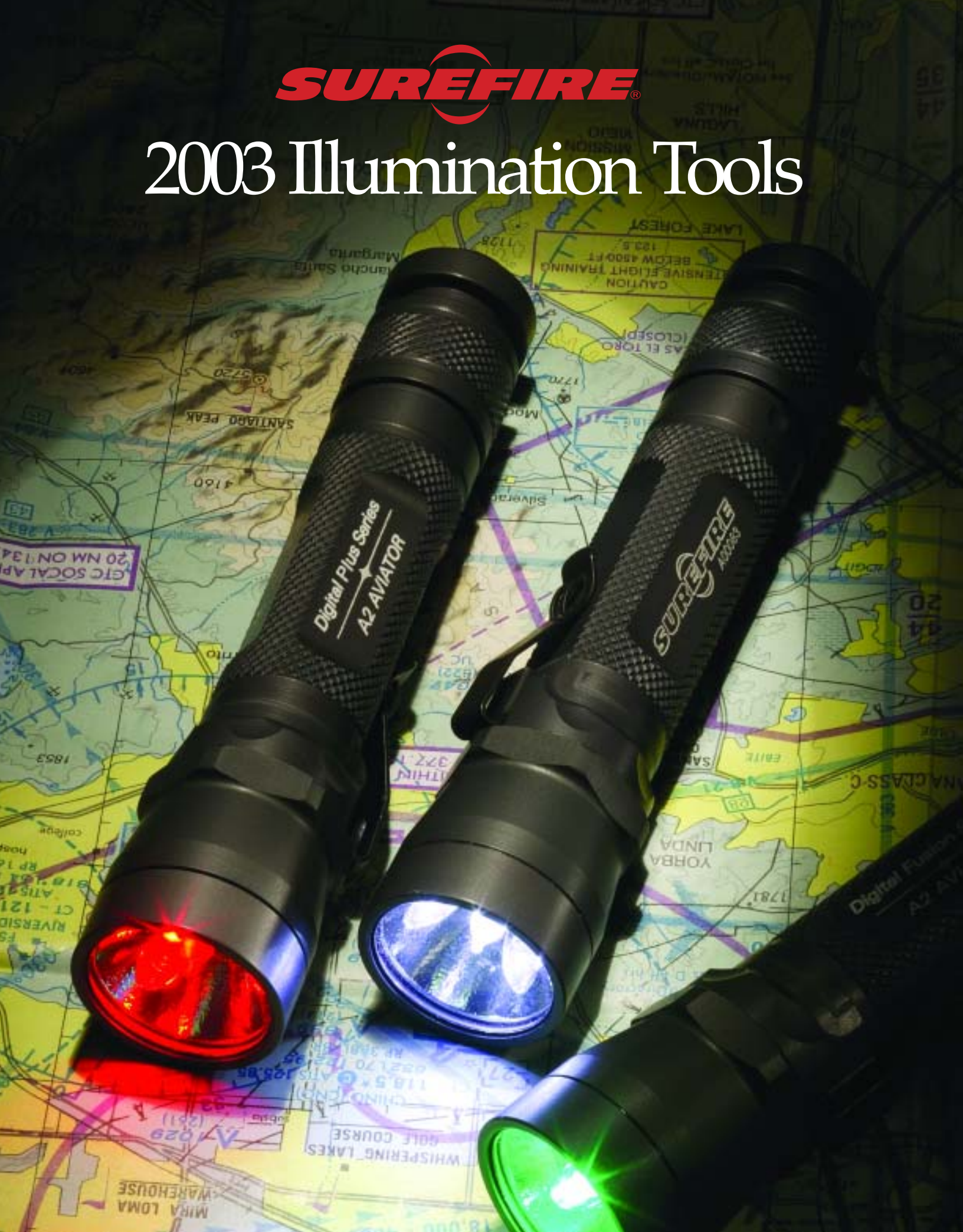
SUREFIRE®

2003 Illumination Tools



STORM CHASER

For the past 16 years, I have spent my life chasing some of the world's most violent and unpredictable weather. One thing is a given in my line of work– I end up in the dark quite often.

When I need light, I depend on the best, most reliable flashlight– SureFire.

I can rely on the shatterproof Pyrex® window and the shock-isolated lamp assembly when I'm outrunning a tornado or a hailstorm.

My SureFire is waterproof, so in the middle of a hurricane or rain storm, I know it will not let me down.

My SureFire is battle-proven, with police SWAT teams and elite military units, so I know I can trust it when the weather turns wild. My equipment has to be the best. My work and my life depend on it.

Warren Faidley
The Storm Chaser™

Warren is a best selling author (*Storm Chaser,* 1996) and award winning photographer and cinematographer. He was a motion picture consultant for *Twister*. Warren has been featured on numerous television specials including *National Geographic Explorer* and *The Discovery Channel*. His images and footage have been used by clients including NASCAR, Paul McCartney, NASA and MTV. Warren can be reached at his website www.stormchaser.com.

SUREFIRE®

THE POWER OF LIGHT THE POWER OF SUREFIRE

The official flashlight of the Storm Chaser™

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COOL SCIENCE

COOL SCIENCE

Engineering excellence is the passion that drives SureFire. Not marketing, not sales– science. We design and manufacture stupendously over-the-top products like the 10X Dominator, not because some focus group showed us that consumers are screaming for a $500 dual-beam rechargeable flashlight, but simply because a dual-beam rechargeable flashlight with an aysmetric charge-in-place head is a marvelous engineering feat. No one but no one would ever consider making the Dominator– except SureFire.

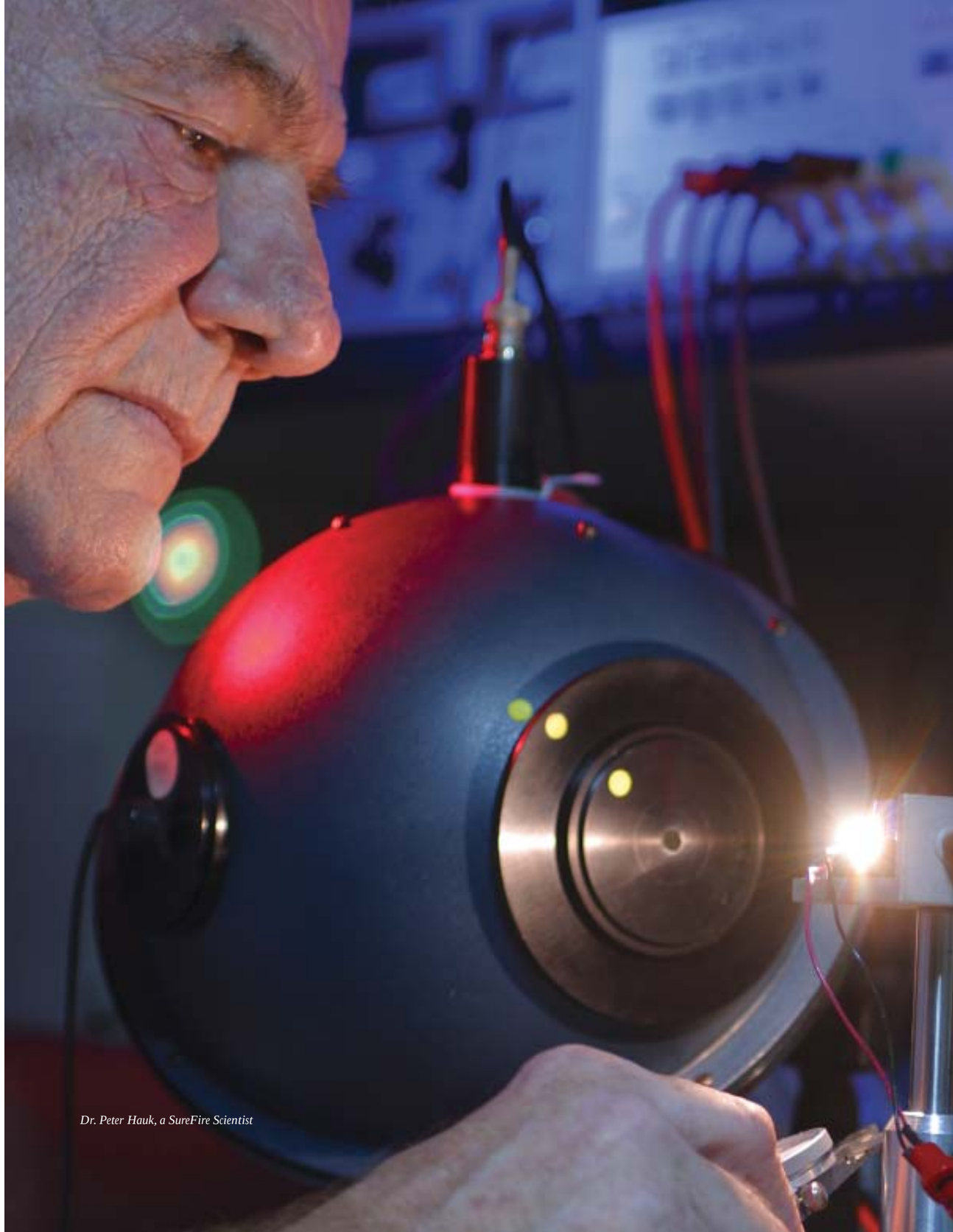
We call this cool science. It's the unwavering belief that superior performance results from solid engineering. It's the unyielding conviction that designing outstanding illumination tools– without any interference from some sales and marketing executive with his usual screed about breaking some price-point barrier– is a viable business model. Cool science yields cool stuff.

Luckily, it turns out that there is a market for Dominators and Aviators and all the other genre-breaking flashlights SureFire makes.

Besides, our engineers just like to make cool stuff.

It's an eccentric business philosophy, we admit. But the wonderful thing is that it works. When SureFire first created a dazzlingly powerful tactical flashlight for police in 1987, our competitors laughed at the upstart company with its crazy lithium powered flashlight.

Twenty-plus years and several landmark patents later, they're not chuckling quite so hard. Not now that the FBI issues the SureFire Z2 CombatLight™ to every agent. Not now that the U.S. Marshals Special Operations Group won't buy anything but SureFire.



Dr. Peter Hauk, a SureFire Scientist

MU System and M900 Vertical Grip WeaponLights

COOL WEAPONLIGHTS

Cool science personified itself three years ago in the development of a modular, upgradeable, mission-specific series of weapon-mounted illumination tools designed for the M4 rifle used by U.S. Special Forces. No one in the flashlight business was even giving a passing thought to investing a major R&D effort into such a small market. After all, there were WalMart price-points to consider and fighting over a another percentage or two of the sub-five-dollar flashlight business was far too pressing.

Meanwhile, SureFire engineers applied some cool science and developed the Millennium Universal System, a totally integrated WeaponLight system made to mount on the Picatinny rail forend of the M4 battle rifle. This was a year before the Twin Towers, when a potential military contract was a mere footnote in the margin. We developed the MU System because it was cool, not because it could potentially lead to big sales.

As things turned out, we went to war against an insidious enemy in a mountainous country called Afghanistan riddled like a giant Swiss cheese with caves. In the caves lurked the enemy, dark and cold like their surroundings. The U.S. Special Forces found that our MU System and another item of cool science, the M900 Vertical Grip, were vitally important fighting tools in the warrens of evil.

In 2002, SureFire received large orders from the Special Operations Command for thousands of MU Systems.

Now there is cool science at work– serendipity meets creativity. SureFire had plowed a multi-million-dollar R&D effort into producing a shock-isolated, modular weapon-mounted illumination system when the Army had never even hinted that it wanted to buy anything except more of those crook-necked, red-lens jobbies that always went to the low bidder.

Today, in 2003, we are seeing cool science manifest itself in our new Digital Fusion Technology™ with micro-processor controlled LEDs and incandescent lamps. Staggering as it may sound, SureFire has actually developed a “smart flashlight.”

The idea here is to have a variable power illumination tool that is capable of producing a bright, powerful spot-beam as well as a usefully muted, general-purpose flood-beam.

SureFire engineers, led by New Product Development Manager Paul Y. Kim, (right), created the A2 Aviator™ and the L1 LumaMax that provide two levels of light using microprocessor controlled, digitally regulated

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COOL SCIENCE AT WORK

Digital Fusion Technology™ uses a microprocessor to combine light emitting diodes and Xenon tungsten filament lamps to produce a variable level of light. Think about it. SureFire invented a "smart flashlight."

technology and a clever two-stage tailcap switch. A great deal more about the L1 and the A2 can be found in their respective sections elsewhere in this catalog.

The point is simply this: science leads the way at SureFire. We are an engineering-driven company that employs 200-plus Americans in a factory in California, from skilled technicians to practiced assemblers, customer service representatives to accounting clerks, Ph.Ds to CNC programmers– and engineers given total carte blanche.

Dr. John Matthews, SureFire Founder and Guiding Light

TECHNICAL ATTRIBUTES

What might at first appear to be a slightly intimidating array of so many diverse products that sorting through the models becomes onerous, the truth is that SureFire family of specialized illumination tools share a few basic traits that, once understood, simplifies the selection process of deciding which SureFire is best for your needs.

Start with the beam. SureFire perfected the ultimate beam shape and gave it a brightness unrivalled in the industry. All SureFire illumination tools share this fundamental attribute of a smooth, uniformly bright beam without any dark spots, black holes or other imperfections that are common to lesser makes. The secret to the performance is two-fold– the precision-engineered reflector and the custom lamp assembly. The reflector on all SureFire flashlights is a perfect parabolic shape, stemming from a super-precise manufacturing process using a German-made 11 axis computer-numerically-controlled (CNC) lathe– the finest CNC machining center available at any price.

But anyone can drop half-a-million bucks on a lathe and make a good reflector. There's more to it. Look at a SureFire reflector and notice the characteristic "wave finish." This is the result of a special proprietary process in which the machined aluminum reflector is metallic vapor coated to create the ripple-like surface. This serves to increase the overall surface area of the reflector, thereby allowing the maximum amount of light from the lamp to be focused into the best possible beam.

The SureFire lamp is no ordinary off-the-shelf bulb. The lamps are custom designed to match the power output of each SureFire model, which come in 3-, 6-, 9- and 12-volts.

SureFire flashlights achieve their signature brightness because our engineers push the limits of tungsten filament incandence to the very maximum– they virtually melt the tungsten. To prevent the lamps from blowing, the glass envelope is filled with Xenon, an inert gas, under high pressure. While some flashlight companies might put as much as 10% Xenon into their lamps, SureFire calls for a 100% Xenon atmosphere or, depending on the exact model, a mixture of Xenon and Halogen, another inert gas.

Why don't other flashlight companies use a pure Xenon atmosphere like SureFire? Cost. Xenon is the most expensive of the inert gases and they would miss their precious $9.99 price-point target. SureFire puts performance first, cost a distant second. Which is why our beams are the best, regardless of the model you choose.

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FINISH CHOICES

Applying a finish to machined aluminum is necessary for both cosmetic and practical reasons. While aluminum doesn't rust, it's a soft metal and the only way to prevent scratches and dings is with a tough finish.

SureFire uses one of two finishes, either a Type II anodization for a shiny, attractive finish in black, gunmetal, satin gray or other limited-run colors, or a super-tough Type III hard anodization finish to military specifications. This Mil-Spec finish is available in a dull, matte black or in its naturally occuring color of gray-green.

Most SureFire models come standard with a Mil-Spec hard anodized finish because it's the best and the toughest, however, we offer the traditional black and other colors in Type II for those who like the appearance.

E2e Executive Elite

SWITCH OPTIONS

Considered by many to be a signature trademark, SureFire's rear-mounted momentary switch was developed originally for its tactical attributes of being ambidextrous in operation, totally accessible even in the dark, allowing for tactically sound "strobe illumination" plus acting as a dead-man switch by automatically offing itself if the light is dropped.

Waterproof and shock-resistant, we call this a "momentary tailcap switch." All models except our base-model G2 Nitrolon come with a lock-out feature. This permits the light to be deactivated by rotating the tailcap one full revolution counter-clockwise to prevent accidentally draining the batteries if the light is packed or stowed.

Additionally, the momentary tailcap can be rotated fully inward to permit a constant stream of light, what we call "constant-on switching."

Constant-on switching is a desirable option for many applications of an illumination tool, so SureFire offers an upgrade accessory for most models, the "click-on tailcap." Similar in function to the momentary tailcap in that it can be lightly pressed to strobe the light on and off, the "click-on tailcap" can instantly trigger a constant-on beam simply by "clicking on" by pressing firmly and releasing the spring-actuated switch. The lock-out disabling function is also present on all "click-on tailcaps."

To be phased in during 2003, the Executive Series of small, compact flashlights will be equipped with "click-on tailcaps" as the new standard tailcap. Customer feedback prompted SureFire to change the Executive Series to a "click-on" configuration as these handy, lightweight pocket lights are more frequently used for non-tactical applications.

SureFire is constantly updating and improving our products with cool science and the new "click-on tailcaps" are yet another example of the performance-driven mindset of our innovation leading company.

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FILTER COVERS

White light is usually the best and most useful illumination, but there are certain times when a colored– or even invisible– light is better.

When maintaining your night-adapted vision is important– inside a cockpit, for instance– then a subdued red or blue light is better.

If you're venturing afield after big game, walking to a blind before dawn is the time for a red filter because deer can't see in the red color spectrum. Following up a mortally hit animal can be easier with a blue filter because blood is easier to see under blue light.

Military operations often take place in pitch dark and night vision googles are used. Here's when you need the invisible light provided by an infrared filter.

Lastly, sometimes the blindingly bright light from a SureFire is just too bright– inside a small tent, for instance. That's when you need a diffusion filter to soften the beam.

SureFire offers aftermarket accessory filters in these colors and types as well as a no-light-emission protective cover.

DIGITAL PLUS SERIES

2

DIGITAL PLUS SERIES

Blending LEDs and traditional tungsten lamps is not entirely new for SureFire, but the exciting new A2 Aviator™ represents the first time that we are combining mild LED illumination with a powerful tungsten lamp through the use of our new Digital Plus Technology.™ In the context of our other dual-source lights, we consider the advent of the A2 Aviator to be roughly equivalent to that of the calculator saying hello to the slide rule.

Digital Plus Technology is a means by which two widely different light sources– one very modest and one very powerful– join forces in a single, compact illumination tool. SureFire engineers achieved this watershed of flashlight design by programming a microprocessor to regulate the current from lithium batteries, melding them into the control of a single, two-stage switch.

Programming? Digital control? Current regulation? It sounds like a computerized flashlight! That, we bashfully declaim with all the false modesty of a blushing prom queen, is going a bit far.

But not by much. The new Digital Plus Series™, of which the A2 Aviator is but the first pioneer, is such a radical development in illumination tool technology that we fancy nothing else except the flight deck of a jetliner is an appropriate debut. In fact, the Aviator was developed with pilots in mind because an aviator has special needs for a dual-power, variable-output flashlight.

First, a pilot needs to inspect his aircraft, check the wing surfaces, look over the ailerons, make sure the landing gear is in order. Once airborne, the aviator must then glance over his flight map, check his radio settings, perhaps rummage in his brain bag for a sandwich. If these activities occur at night or in diminished light conditions, his eyes will have dark-adapted and he will not want the sort of stunningly bright light that he had so appreciated on the ground when he could look so clearly at his tail section. For that, he needs lots of lumens, at least 50 night-carving, distance-eating lumens. But inside the close confines of the cockpit, he needs but a pittance of light, a modest output that LEDs are so good at providing.

In short, he needs both a bright and a dim light. And it dawned on us as we began to develop the blueprint for the Aviator to solve this unique illumination problem that many other people need a dual-power, high-low beam capability. Campers, hikers, hunters, fishermen, boaters, everyone.

It was just such a premise that led to the introduction of LED navigation lights on several of our WeaponLight systems. Now here was a chance to integrate a dual light source into a handheld flashlight.

The answer came in the form of the 5.6 inch, 4.0 ounce A2 Aviator. The A2 features a high-output incandescent lamp producing 50 lumens surrounded by three 5mm LEDs set in a specially designed parabolic reflector.

The Aviator includes an internal nickel-plated contact ring for reliable electrical conduction and digital regulation circuitry, which allows the innovative new flashlight to

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COOL SCIENCE
AT WORK

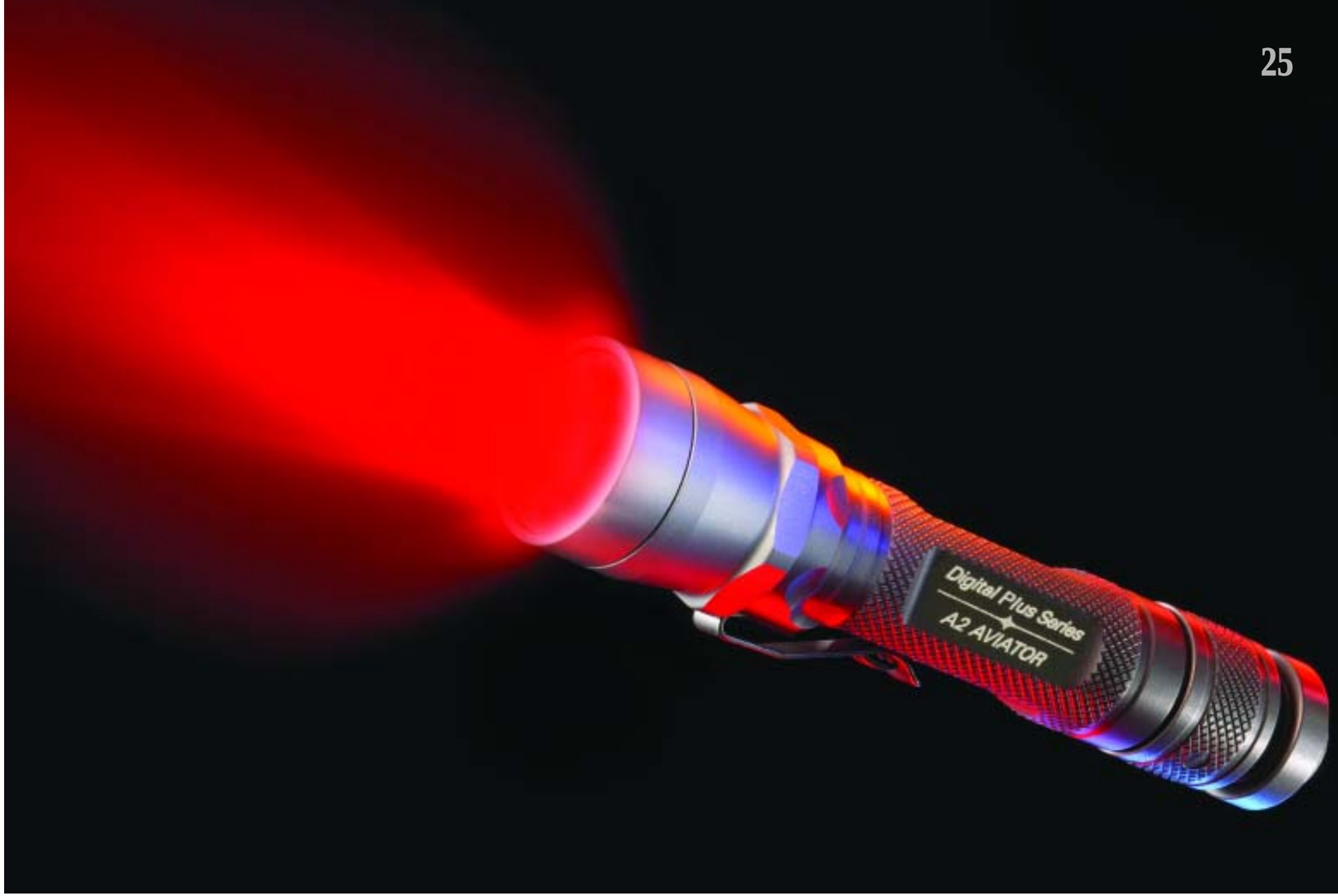
The high beam on the A2 Aviator can illuminate the tail of a Boeing 747 from the ground. The tail of a 747 is six stories tall (63 feet, 8 inches to be precise).

maintain a consistent level of bright light output and color temperature for the useable life of the batteries.

By contrast, unregulated flashlights are subject to a sharp decline in light intensity from shortly after activation until the battery no longer has energy to power the lamp. This is the typical “fade to yellow” syndrome that all flashlights cannot avoid. It’s called running out of gas.

But we programmed the Aviator’s microprocessor to save enough power from the batteries to still run the LEDs, even after they have been depleted to the point that they will no longer power its incandescent lamp. Plenty of energy remains to power the LEDs for many more hours, thanks to the peculiar property of LEDs to become more efficient with less power.

The digital regulation circuitry also extends the life of the incandescent lamp by allowing for a “soft start” instead of subjecting the tungsten filament to the potentially damaging voltage spike that occurs when turning on an unregulated light.



The Aviator’s unique digitally controlled two-stage switching mechanism allows the user to choose LEDs for close-up work or the high output lamp for full power applications. Depress the tailcap switch halfway to activate the LEDs, or all the way to activate the incandescent lamp. Simply twist the tailcap to achieve constant-on activation,

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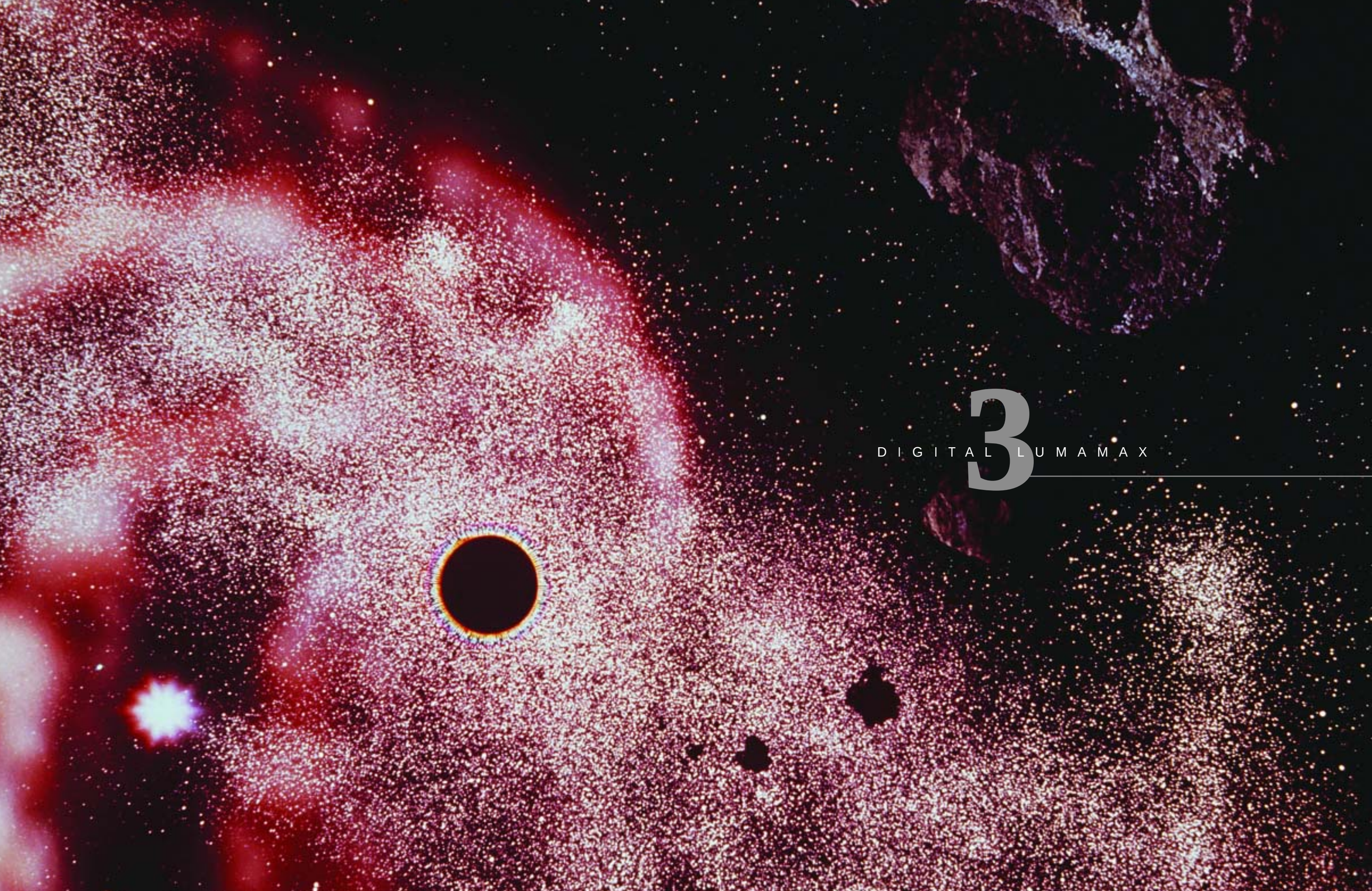
a little for just the low beam LEDs and all the way down for the high beam lamp. Rotate the tailcap one full revolution counter-clockwise to lock-out the switch and prevent accidental activation.

Cleverly, the switch can block the super-bright incandescent lamp while allowing the low-level LEDs to function. This is a significant feature for pilots or others who cannot afford to compromise their night-adapted vision on a darkened flight deck.

The A2 Aviator bridges the gap between traditional incandescent flashlights and LEDs, giving you the best of both worlds in a technologically advanced illumination tool. Cool science if there ever was any.

COOL SCIENCE AT WORK

The last thing you ever want to say to a SureFire engineer is, "That's not possible." Someone said a dual-light source LED and tungsten flashlight was impossible. The "impossible" is now for sale as the A2 Aviator.


3
DIGITAL LUMAMAX

DIGITAL LUMAMAX

Despite a wholesale effort by some flashlight companies to dupe the consumer about the capabilities of LED lights, SureFire is doggedly pressing on to tell the truth about LEDs while at the same time introducing an illumination tool utilizing that oft-exaggerated, oft-misunderstood creation of transistor board technology, the light emitting diode.

But not just any light emitting diode, a SureFire LED. We waited patiently before we finally laser-etched our name on our first LED, but you can bet that it's not some 50-cent Chinese-made keychain light. Indeed, the first LED to bear the SureFire brand is– we don't say this lightly– a truly revolutionary breakthrough. We call it the L1 LumaMax.

New for 2003, the L1 LumaMax™ utilizes SureFire's watershed development of flashlight design– digital current regulation technology– mated to a one watt Luxeon LED that together produce an extremely useful general-purpose illumination tool with a relatively long-running, flood-type beam.

No, the new L1 LumaMax doesn't run for over 2,000 hours on a single watch battery. Miraculously, it actually conforms to Newtonian physics and the output is proportional to the electrical energy of its battery source. The output is 15 lumens from one SureFire 3-volt lithium battery, which is about three times brighter than a conventional mini light running on two AA alkaline.

This is neither conjecture nor hype. Like all our products, the output of the L1 LumaMax is scientifically measured in a laboratory. We use a calibrated device that measures light output called an integrating sphere. No guess-

Low Beam

High Beam

work or wishful thinking.

You see, SureFire engineers applied for, but were denied, a waiver from Mother Nature on the laws of physics– unlike those other manufacturers of keychain LEDs that are "visible up to two miles" and "run for thousands of hours."

Unfortunately, the SureFire L1 LumaMax must make do with an honest and believable performance rating that is based on what we do best– cool science. We obtained the most powerful LED currently available and coupled it with a custom designed lens to produce nothing less than the ultimate general-purpose illumination tool.

But the L1 is just that and no more– a dual-output walk-around light with low and modest illumination. It is not a blindingly bright tactical light by any means. We consider the threshold of a Combat-Light™ to be 60 lumens, and the L1 is rated at 15 lumens. A camp light, on the other hand, should produce between 15 and 25 lumens to be truly useful– not too bright to consume batteries recklessly, yet powerful enough to light a shadowy trail on a moonless night.

What elevates the L1 LumaMax beyond that of a mere flashlight is the variable light level. The light output of the L1 LumaMax is digitally controlled through a microprocessor and features a convenient, two-stage thumb switch that allows for either a low or high beam, simply by pressing hard or soft on a single switch.

The switch is similar to SureFire's patented lock-out tailcap with its familiar waterproof, knurled rubber button. The difference is that the L1's tailcap features a two-stage, pressure-activated interface that seamlessly allows you to obtain more or less light, as you see fit.

As practical as it is innovative, the new two-stage tailcap can be locked-out to prevent accidental activation by rotating the cap outward (counter-clockwise) one full turn. By aligning the subtle witness marks, you can readily see that your L1 LumaMax is safely disabled.

Alternatively, the two-stage tailcap can be rotated inward (clockwise) to allow constant-on illumination with either the low level or bright level of output.

The light source is a brand-new LED developed in a joint venture between Hewlett-Packard and Phillips. Recognize those names? When two of the super heavyweights of the electronics industry join forces to create a whole new genre of LED– not the match-head size cheeseball LEDs from China used on all those keychains– then it's time to sit up and pay attention. SureFire recognized the potential benefits of the new LED, called a Luxeon light emitting diode, but we also knew that the optimum way to maximize the new LED was with our Digital Plus Technology so that we could regulate the output with a programmable microprocessor.

And so it was with the simultaneous introduction of SureFire's new digital current regulation technology and the Luxeon LED that we were able to breakthrough with the L1 LumaMax.

The primary benefit of an LED over a standard incandescent lamp is runtime. LEDs produce light more efficiently at low wattage levels, so a battery that is too depleted to run an incandescent lamp still has plenty of life to power an LED. Translated into layman's terms, an LED can run for a very much longer time than the equivalent flashlight with a tungsten filament lamp.

But not, we hasten to add, for "thousands of hours." We rate the L1 LumaMax for its nominal output, as SureFire's microprocessor utilizes the lion's share of the battery's current to produce a consistent output of 15 lumens for 1.5 hours, followed by 8.5 hours of moderate output of less than 10 lumens and then a very minimal output of 1 lumen or less for over 50 hours.

Fifty hours… not 2,000. And not enough to be anything but marginally useful. The L1's light output is extremely minimal even after 10 hours– enough to fumble for an exit if you were trapped in a cave or to read a book if you were socked into a tent during a whiteout, but certainly not enough to venture afield in the dark, repair an engine or engage in meaningful work.

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LED CONVERSION HEADS

With the introduction of the L1 LumaMax and A2 Aviator, SureFire raised the bar to new heights for LED flashlights. Raised it hell, we pushed it into the stratosphere. For the first time, you can have microprocessor controlled, dual-level illumination with the most advanced light emitting diode ever made.

But what about the scores of people who already own SureFire flashlights with "old fashioned" incandescent lamps? Not to worry, we didn't forget you. Thanks to the cool science of Digital Technology, you can enjoy the benefits of LED illumination– longer runtime, virtually unbreakable "bulbs" and a broad, walk-around beam shape– with our new LED Conversion Heads.

Known as the KL Series– no one quite understands why, but someone in our Gobbledygook Department decided to call all of the LED conversion heads KL-this and KL-that– the LED conversions consist of two types of light emitting diode. First, there is the breakthrough Luxeon LED, currently available in the one watt version and soon to be offered in the five watt versions. The other kind is the traditional "match head" LED that we sardine into a 19-head cluster for the M3 CombatLight.

The models in the LED Conversion Series run from KL1 to KL9. Frankly, we don't know what "KL" stands for, except possibly the initials of someone's favorite niece.

What we do know is that KL Series of LED Conversion Heads consist of a bezel assembly fitted with an LED light source and protected by a beam-focusing lens.

The Luxeon LED models feature digital current regulation circuitry to ensure a more consistent output of light than unregulated LEDs, and the KL2 includes a digital current limiter to protect its LED array from damage.

They are all "screw and play" in their design. Simply unscrew the standard SureFire bezel with its conventional incandescent lamp assembly and replace it with an appropriate KL version.

All of the KL conversions are single LED sources with the exception of the KL2, an odd-man-out if there ever was one. The KL2 fits the M3 CombatLight™ with an array of 19– count 'em nineteen– 5mm LEDs. These 19 little rascals are of the same low output of the more commonly found keychain LEDs, however, SureFire was able to maximize their output by first sandwiching as many as we could into a 1.625" diameter head and, secondly, by driving them like a team of huskies in the final 100 yards of the Iditarod. Mush, damn you, mush! SureFire set the 19 "white" LEDs for maximum brightness, high color temperature and true-to-life colors, albeit with a slight bluish cast.

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There are currently three KL Series Conversion Heads in production: the KL1, KL2 , and KL3, with more models scheduled for release throughout 2003, including a five-watt Luxeon LED that should, we hope, produce at least 80 and possibly 100 lumens in a 9-volt powered light, making it suitable for tactical applications.

The KL1 fits the single-battery E1e Executive Elite with 16 lumens of maximum output for 1.5 hours, followed by 8.5 hours of moderate output, and then over 50 hours of minimal output.

Take the same KL1 and fit it to the two-battery E2e Executive or E2o Outdoorsman and you get 17 lumens for 4.0 hours, followed by 11 hours of moderate output, and then the LED "tail" of over 50 hours of minimal output.

The KL3 Conversion Head fits most of the two-battery flashlights, plus the three-battery C3 CombatLight. On the 6P Classic, Z2 CombatLight, C2 Centurion or M2 Special Operations Centurion, the KL3 produces 19 lumens for 4.25 hours, followed by 4.75 hours of moderate output, trailed by over 50 hours of minimal output.

Screw the KL3 onto the C3 CombatLight and you obtain 19.5 lumens for 7 hours, followed by 8 hours of moderate output, followed by over 50 hours of minimal output. Both the KL1 and KL3 feature digital current regulation circuitry.

The primary benefit of converting a tungsten filament SureFire to an LED is to dramatically extend the run-time and greatly broaden the beam for a more general-purpose, flood-type illumination. But the other side of that coin is a greatly diminished tactical blinding function because the beam is broader, less intensely focused and the lumen output is reduced.

If there is ever a place besides a five-star restaurant where there is no free lunch, it's in batteries and flashlights. Our LEDs provide dramatically longer run-times precisely because they don't gobble up the batteries as ravenously as our power-hungry tactical lamps.

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EXECUTIVE SERIES

EXECUTIVE SERIES

Slim, trim, and powerful, the lights in the Executive Series may be the most all-around useful models in the SureFire lineup. Small enough to carry undetected in a suit jacket or purse, yet tough enough to survive and thrive in the harshest environments, these mighty mites are– dare we say it– overengineered to the nth degree and capable of projecting a stupefying beam of white light that seems unlikely relative to their diminutive size.

The Executive Series consists of three models, the one-battery E1e Executive Elite, and the two-battery E2e Executive Elite and E2o Outdoorsman. Each light is CNC machined from aerospace-grade aluminum and finished in a MilSpec Type III hard-anodized process that's corrosion-proof and so hard that the knurled portion of an Executive's handle can saw through aluminum without a trace of damage to itself.

Lithium batteries boasting 10-year shelf lives provide up to 60 lumens of light, O-ring seals guarantee weatherproof protection, and a patented lock-out feature allows the tailcap switch to be disabled, eliminating the possibility of inadvertently activating the light. Each model in the Executive Series accepts a variety of accessories including SureFire's LED Conversion Head for long-running efficiency.

The lumen output of the Executive Series ranges from 60 lumens for the E2e Executive Elite to 25 lumens for the E2o Outdoorsman to 15 lumens for the mighty mite E1e. They're all brighter, smaller and easier to carry than any other flashlight on the planet. Maybe even the galaxy.

ALASKA TOUGH

Meet Alaskan Master Guide Jim Harrower. Hunting in Alaska is hard on men and equipment, which is just the way Jim likes it. He's guided hunters into the harshest polar ice packs to hunt great white bears, and he's climbed the steepest crags for Dall sheep. His morning commute is just as likely to include landing his bush plane on a sliver of gravel bar as it is crossing a rushing river of glacial runoff. If you want to know tough, talk to Jim.

Which is why we asked Jim to evaluate the SureFire E2e Executive Elite and the new Outdoorsman. With over 40 years of experience as a bush pilot and hunting guide, we figured he might be able to spot the difference between a cheesy mini light and a rugged, hard-use tool that delivers brilliant white light when you need it– every time.

Jim's verdict? Hands down, his new SureFire is the best hunting flashlight he's ever used, which doesn't really surprise us. SureFire has a long history of building illumination tools for the most demanding customers. We guessed that if SureFire was good enough for FBI agents, Navy SEALs, and the Secret Service's Presidential Protection Detail, it might just be up to Jim's standards as well.

The newest member of the Executive family– and Jim's new favorite– is the E2o Outdoorsman.

Based on the E2e Executive Elite, the Outdoorsman was designed for all manner of hill and dale activities with a new long-running lamp that produces 25 lumens of light for 2.5 hours. Like all Executive lights, the Outdoorsman accepts SureFire red and blue beam filters. The red filter is for hunters who want to avoid spooking game during pre-dawn hours– deer see poorly in the red color spectrum. The blue filter was designed for detectives to search for clues at a crime scene– blood is easily seen under blue light– but hunters can also snap-on a blue filter for tracking mortally hit game.

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COOL SCIENCE
AT WORK

In a laboratory test with a 4.5488 Ohm load, a SureFire lithium battery lasted 50% longer than another brand. In fact, no other brand of lithium battery can hold a candle to a SureFire.

PERFECTION IMPROVED

Improving on perfection is a slight problem. It takes engineers that don't know the meaning of the word "can't" and scientists with an obsessive passion for bending the laws of physics to their will.

Bring it all together and the result will be something as elegant and infinitely utilitarian as the one watt Luxeon LED Conversion Head for the Executive Series.

Our new LED Conversion Heads allows owners of Executive Series lights to trade the high-output white light of a tungsten filament lamp for the long-running benefits of a light emitting diode.

Already a racehorse in the world of miniature flashlights, the E1e Executive Elite uses a single lithium battery to produce 15 lumens of light output (as much as many much larger two D-cell alkaline battery flashlights) with 90 minutes of runtime while remaining small enough to stash in a watch pocket. Or lightweight enough to clip to the brim of a fishing cap without being noticed.

But add the new KL1 LED Conversion Head and the ante is upped to a maximum of 16 lumens of output for 90 minutes, followed by over eight hours of moderate output.

Put a KL1 on a two-battery Executive, like the E2 Outdoorsman, and the results are even more dramatic. Maximum output changes from 60 lumens for 75 minutes to 17 lumens for four hours, with moderate runtime continuing for another 11 hours.

5

HIGH INTENSITY PERSONAL LIGHTS

HIGH INTENSITY PERSONAL LIGHTS

Everyone needs a good flashlight. You might not be a Special Forces operator hunting for terrorists in a cave or a SWAT team member conducting a midnight raid, but you can still benefit from the uncompromising performance of a SureFire illumination tool. Looking for something under the bed? Lost a contact lens? Need to investigate that bump in the night? You need a good light. In fact, you need a SureFire High Intensity Personal Light.

SureFire Personal Lights represent a revolutionary approach to the design and manufacture of handheld flashlights. Four things characterize every model: compact size, flawless white beam, ultra-high light output, and extreme ruggedness. Unlike lesser brands, which produce a yellowish beam with a spot marred by rings and "black holes," every SureFire Personal Light is guaranteed to produce a perfect, smooth, even center spot surrounded by a perfect corona of softer light in its scientifically engineered beam. Cool science!

Compact, lightweight and convenient to carry in a pocket, pouch or purse, instantly accessible for routine or emergency situations, SureFire High Intensity Personal Lights come in either a traditionally styled, aluminum bodied model called the 6P Original or an affordable entry-level model called the G2 Nitrolon.

The 6P Classic is the light that started it all for SureFire. The first flashlight in the world to use lithium "camera" batteries and a high-output Xenon lamp, the 6P continues to excel as one of

SureFire's bestsellers.

And why not? A good idea is a good idea. The updated 6P is still precision-machined from aerospace-grade aluminum, with the addition of a tempered Pyrex window, an hexagonal anti-roll bezel, and a patented lock-out tailcap that allows the light to be disabled to prevent accidental activation. The 6P uses two lithium batteries and produces 65 lumens of diamond-bright light for 60 minutes– brighter than a much larger, cumbersome four D-cell flashlight. Or you can upgrade your 6P to 120 lumens for 20 minutes with the optional ultra-high output P61 lamp.

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The 6P also features tactical switching originally developed for law enforcement– depress the tailcap push button for momentary illumination or rotate fully inward for constant-on illumination.

The G2 Nitrolon follows the same simple, fail-proof design as the 6P at a substantially lower cost. The G2 is constructed of Nitrolon™, a proprietary polymer compound that is lightweight, corrosion-proof and non-conductive. The G2 boasts the same features as the 6P Original with the exception that it substitutes an impact-resistant Lexan window and does not include a lock-out tailcap.

A molded-in gridlock pattern allows for a sure grip in any weather, and– although three to four times brighter than a much larger two D-cell flashlight– this lightweight powerhouse is less than five inches long, making it ideal when space is at a premium and weight is an issue.

Available in tactical black, olive drab or emergency yellow, the G2 Nitrolon has a new, low price for 2003 , making it the "best buy" in the SureFire line of High Intensity Personal Lights.

HANDHELD COMBATLIGHTS

Mating a handheld flashlight with a pistol so that the beam aligns with the muzzle of the weapon– integrated together in a steady two-hand hold– is a matter of technique. Michael Harries, a student of combat pistolcraft from the storied South West Combat Pistol League, developed an eponymous technique that has served America's law enforcement community as the standard for many years.

Easy to teach and relatively useful in practice, the Harries Technique was best suited to large-bodied, heavy and cumbersome "police flashlights" like the Kel-Lites of the '70s and MagLites® of today. Those big D-cell cylinders are still popular "attitude adjusters" in cop work, and the Harries Technique remains viable for them.

However, the Harries Technique did not optimize the potential for using a very compact, extremely bright, new tactical illumination tool, like the SureFire 6P, with a handgun. What was needed was a technique that maximized its small, lightweight size and its blinding bright light.

A former FBI agent and budding young holster designer named Bill Rogers figured out the solution. He deduced that it only takes two fingers to hold a light as compact as a SureFire and, with its rear-mounted momentary tailcap switch, all it takes is to press the light into the hand to activate its dazzling beam. An inveterate tinkerer, Rogers slipped a coil of bicycle inner tube around his 6P and used it to provide a gripping surface against

G2Z NITROLON COMBATLIGHT

The Official Tactical Flashlight of the NRA

which he could pull his SureFire into his palm as he took a normal two-handed grip on his pistol with the flashlight protruding between his index and middle fingers. A nice bonus came when the SureFire's beam naturally indexed with the point-of-aim of the pistol with Rogers' method.

Thus was born the SureFiire/Rogers Technique.

Rogers is a friend of SureFire's president and owner, Dr. John Matthews, who may be the only other person on the planet to rival Rogers– the developer of the SafariLaminate patent and numerous other holster patents– as a gear doctor. Dr. Matthews took one look at Rogers' 6P with an inner tube wrapped around it, and he took over.

He liked the concept, but it could be improved. Why not reduce the circumference of the flashlight's body where the fingers grip the light, mused SureFire's founder. And fit it with a proper rubber grommet. A grip ring. Yes, we'll call it a grip ring. Make it integral with the body, a press-fit in a machined recess so that it can't slip. Turn it into a purpose-built flashlight made for combat.

Thus was born the CombatLight™.

The concept of a stepped-down body with a grip ring to facilitate the use of a two-hand hold with a pistol was granted patent protection by the U.S. Patent Office.

Today we call it the Z2 CombatLight. Rogers' former employer, the FBI, today issues the SureFire Z2 to all agents graduating from the FBI Academy at Quantico.

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COOL SCIENCE AT WORK

The patented design of a SureFire CombatLight allows a solid, two-handed grip with a pistol. The blindingly bright beam automatically aligns with the muzzle using the SureFire/Rogers Technique.

THE CHOICE COMBATLIGHT

What makes a SureFire CombatLight the choice of professionals, from the U.S. Marshals to the Secret Service to the FBI? Three things: Performance, performance, performance. No other flashlight offers the rugged construction, a patented grip ring and its signature bright, flawlessly focused beam.

A track record that spans three decades doesn't hurt either. Some of the new guys in these agencies have even ordered specially engraved CombatLights for retiring senior agents because they knew how much their mentors prized their SureFires.

SureFire offers several iterations of the CombatLight. The most popular by far is the time-tested veteran, the original Z2 CombatLight. With its shiny, bright black finish on its precisely machined aluminum body, the Z2 is as fetching on the belt as it is telling in the field when it temporarily blinds a would-be resister.

Rather than holster their Z2 CombatLight, some professionals prefer to clip them to a pocket or vest. For this, SureFire upgraded the Z2 to include a stainless steel pocket. We call this the C2 Centurion.

The next step up in the CombatLight hierarchy is the M2 Centurion from SureFire's Special Operations Series of handheld tactical lights. The primary advantage of the M2 is that its recoil-proof bezel interchanges with that of 6-volt versions of the MU System of modular WeaponLights™. The idea here is that if a field-expedient repair ever had to be made, a soldier could pirate the bezel from his M2 and use it on his rifle's WeaponLight.

The light output from the Z2, C2 and M2 is identical, all using the same lamp assemblies of either 65 or 120 lumens

Moving up the power scale to 9-volt systems, the CombatLight surfaces in the guise of three models– our top-of-the-line M3 CombatLight from the Special Operations Series, a TurboHead version of the M3 called the M3T and the C3 Centurion.

The C3 Centurion is essentially a C2 with a longer body to hold a third battery. The C3 produces 105 lumens and can be upgraded with a high-intensity lamp to 200 lumens.

The C3 can accept an optional TurboHead bezel that increases the reflector size to 2.5", the better to focus a tight spot-beam of vision-impairing tactical light.

The M3 CombatLight is what many consider SureFire's ultimate handheld tactical light. With its integral reflector in its shock-isolated bezel, the M3 uses SureFire's Millennium Series of custom designed Xenon tungsten lamp assemblies. As rugged as they are powerful, the M3 comes with two Millennium lamp assemblies– one good for 125 lumens and 60 minutes, the other for 225 lumens and 20 minutes.

If we could only have one SureFire, it would be the M3 CombatLight. It's finished in super-tough Type III hard anodize to MilSpec requirements and comes with a lock-out tailcap. Fronted by a shatter-proof, optically coated, tempered Pyrex™ window, the M3's shock-isolated bezel is interchangeable with those of the M900 Vertical Grip and any of the 9-volt MU System WeaponLights– a tactical plus.

Take the M3 and install a TurboHead reflector and you have the third of SureFire's 9-volt CombatLights, the M3T CombatLight. The principle difference is the shape of the beam. The 2.5" TurboHead reflector throws a tighter, more hotly focused beam than a standard M3. The tradeoff is size– the larger reflector of the M3T eats up more space on a duty belt or tac rig.

We include a wrist lanyard made of MilSpec parachute cord with every CombatLight.

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SPECIAL OPERATIONS SERIES

SPECIAL OPERATIONS SERIES

When the difference between life and death can be counted in milliseconds, you need every advantage you can get. No compromise. Which is why SureFire developed the Special Operations Series to be the best extreme-duty tactical illumination tools in the world. These rugged, hard-use flashlights were developed to meet the needs of those who venture in harm's way. We asked the operators what they wanted, then we made it.

They wanted a light that could survive a HALO insertion or a midnight raid on a ghetto crack house. We answered with optically coated, tempered Pyrex™ windows, waterproof double O-ring seals, high-grade aluminum alloys, and a MilSpec Type III hard-anodized finish so tough that it can be used to cut through the bodies of lesser flashlights.

They wanted a light bright enough to find and blind suspected adversaries. We answered with ultra-high output Millennium lamp assemblies that produce up to 500 lumens of blinding white light.

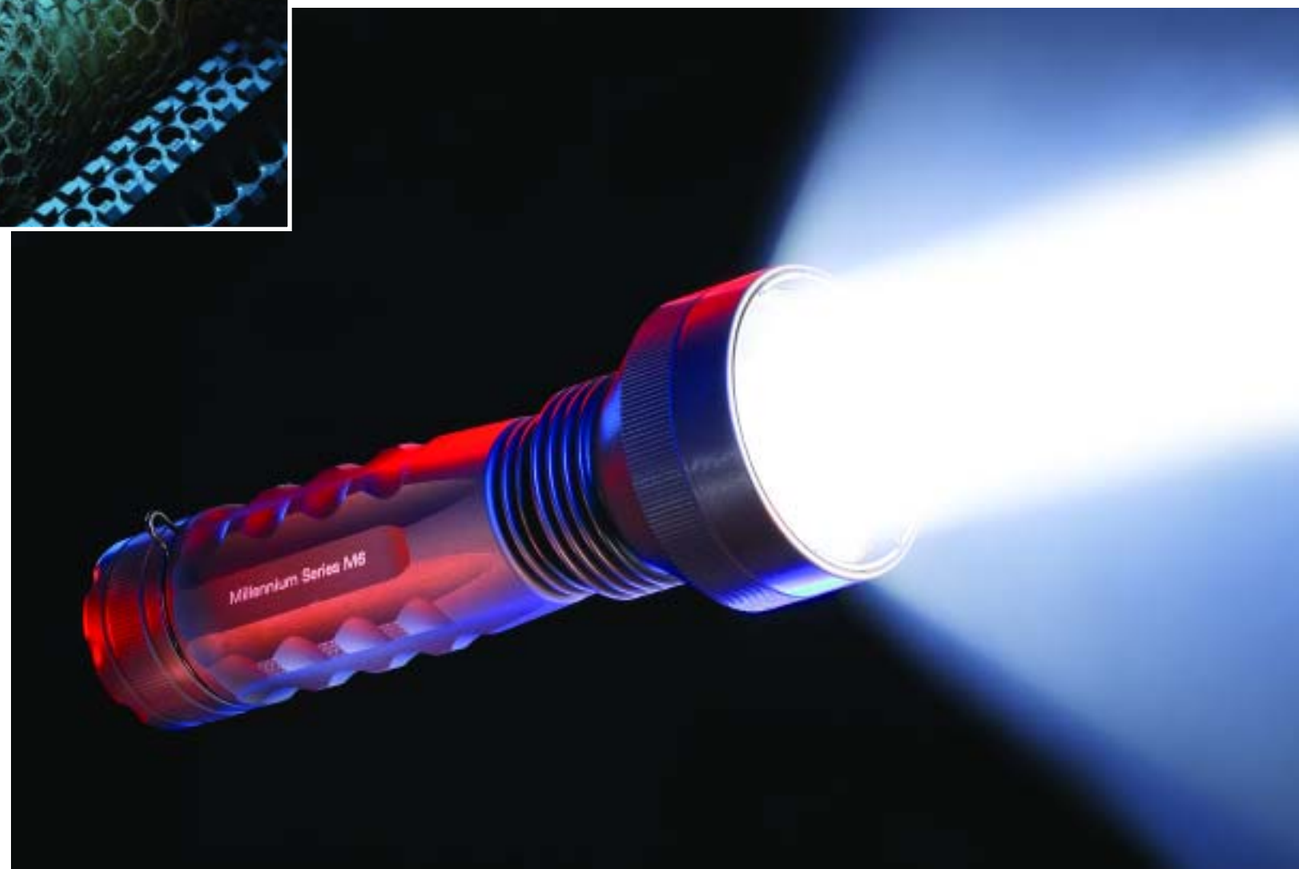
They wanted a handheld light sharing parts-compatibility with their weapon-mounted lights for in-the-field emergency repairs and parts swapping. We answered by making parts from our MU System WeaponLights interchangeable with the Special Operations Series.

Finally, they wanted a light that could stand up to the repeated recoil of a large caliber weapon, in training and in combat. We answered by spring-mounting our lamp assemblies and then floating the lamp and reflector within the bezel in a rubber diaphragm specifically formulated to defeat a recoil pulse. No other manufacturer offers a degree of shock-isolation that even comes close.

Designed for the operator who needs a long-range fighting light, the M4 Devastator comes ready for combat with a 2.5" TurboHead. It's also weapon-mountable and accepts an optional pressure-sensitive tape switch. And, with four lithium batteries generating up to 350 lumens of blinding white light, the M4 Devastator has the power you need to project light out to 300 meters. The M4 is the standard light issued with SureFire's low-light sniper system called the Leopard Light. The Leopard Light comes with a Universal Tape Switch as well as the M4's momentary lock-out tailcap.

The M6 Millennium is the brightest lithium-powered flashlight SureFire makes. This light uses six batteries in a quick-change magazine to produce up to 500 lumens of retina-searing white light. Reports from the street indicate that blasting a would-be felon's eyes with the M6 is often enough to end resistance without the need for any further escalation of force. The M6 comes with both a high-output lamp rated for 250 lumens and an ultra-high output 500-lumen lamp.

And, like all lights in the Special Operations Series– with the exception of the M1 Infrared Illuminator– key components of the M6 Millennium are compatible with Millennium WeaponLights for long guns, allowing for in-the-field parts swapping between systems.



The Special Operations Series encompasses six models, five white-light tactical tools and one infrared illuminator. The M1 Infrared Illuminator is an eye-safe 10 milliwatt LED illuminator with a 15 hour run-time that produces a surprising amount of IR light for its compact size. It runs on one SureFire lithium battery.

Powered by two lithium batteries, the M2 Centurion™ produces 65 lumens of light for one hour, or 120 lumens for 20 minutes, using the included ultra-high output lamp. The M2 utilizes an ergonomic flat-side CombatGrip™ design and a patented stepped-down body and rubber grip ring so that the light can be operated with a handgun using the SureFire/Rogers Technique. A stainless steel pocket clip makes the M2 suitable for clipping to a tac vest or BDU pocket.

The M3 CombatLight™– and its TurboHead sibling, the M3T– are the down and dirty fighting lights preferred by instructors of low-light tactics at the SureFire Institute. These 9-volt systems produce 125 lumens with the standard high-output lamp, or 225 lumens with the included ultra-high output lamp. The M3 produces more than enough light to identify, blind, and dazzle at the ranges typical of close quarters battle.

The M3T features a 2.5" TurboHead reflector to project a tightly focused beam of intense white light at greater ranges, which makes it perfectly suited for rural SWAT operations, search and rescue, and most maritime applications.

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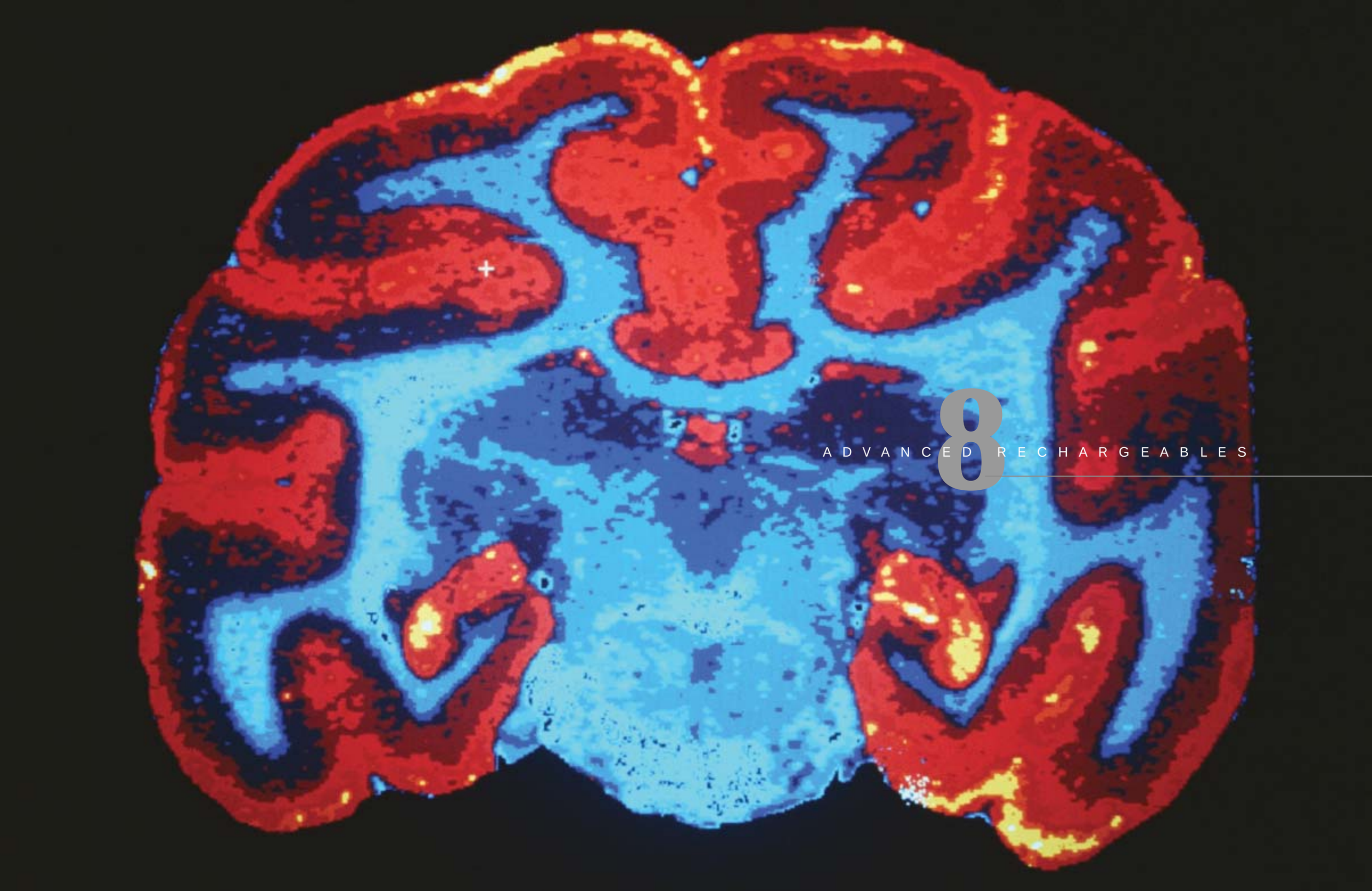

8

ADVANCED RECHARGEABLES

ADVANCED RECHARGEABLES

Constant power, ready when you need it– that's the hallmark of a rechargeable flashlight. Only SureFire's four models of Advanced Rechargeables are capable of blinding brilliance while at the same time offering the cost saving and environmentally sound benefits of rechargeable batteries.

The Advanced Rechargeables consists of the Commander family of replaceable battery lights, three models in all, and the awesome 10X Dominator, the world's most advanced rechargeable flashlight available with a dual "high-low beam" that is up to 30 times brighter than a typical two D-cell flashlight.

Our unique SmartCharger™ uses microprocessor control to prevent overcharging and to protect the charger and battery from the voltage spikes typical of automobile and marine electrical systems. The SmartCharger runs continuous diagnostic checks of the battery in its cradle and assesses the amount of current necessary to bring the battery to full power. SmartCharger then administers the precise charge required, and stops. You now have a ready-to-go battery instantly available to reload your light. SmartCharger can be mounted to a wall, vehicle, or boat console, and the 10X Dominator's SmartCharger includes a locking feature to keep the light secure when venturing off road or into high seas.

Capable of instantly switching from normal illumination to a dazzling searchlight beam, the 10X Dominator combines dual reflectors and advanced technology to give you 60 lumens of general-purpose light for up to three hours on a single charge or– with a push of its two-stage digitally

controlled switch– a search-light-strength beam rated at over 500 lumens.

The selective-power 10X Dominator is ideal for police work because it allows an officer to instantly transition from a ticket-writing light to a potent “force option” tool capable of blinding a would-be assailant.

The flagship model of the Commander line is the 9AN, which incorporates two lamps in a single reflector to provide either a super-bright 140 lumens for 40 minutes, or by rotating the bezel, 20 lumens of general illumination light for 2.5 hours.

The 9AN Commander is precision-machined from aerospace-grade aluminum, finished in military specification Type III hard anodizing, and features an optically coated, tempered Pyrex window.

The 8AX Commander uses a single high-output lamp assembly to produce 110 lumens of light for 50 minutes. Featuring the same rugged construction as the 9AN Commander, the 8AX has become a favorite of patrol officers who appreciate its rugged utility and cost-effective performance.

The 8NX Commander shares the same patented design and uses the same batteries and charger as the aluminum 8AX. The difference lies in its Nitrolon™ construction.

Nitrolon is a proprietary corrosion-resistant polymer composite that is both lightweight and impact-resistant. A molded-in gridlock grip keeps the 8NX securely in your hand in wet weather or when wearing heavy gloves, and 8NX owners living in colder climates claim that the Nitrolon-constructed flashlight has a warmer “feel” than an aluminum flashlight.

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COOL SCIENCE AT WORK

SureFire engineers designed the 10X Dominator as the ultimate flashlight for police. A 60 lumen low beam for routine work and a 500 lumen eyeball scorcher for when things get dicey. All at the press of its two-stage tailcap.

9 WEAPONLIGHT SYSTEMS

WEAPONLIGHT SYSTEMS

Nothing is tougher on a flashlight than mounting it onto a gun and firing it repeatendly. The sudden, swift kick of heavy recoil– generating many times more Gs than an F-14 catapulting off an aircraft carrier– would shatter the bulb with a single shot if it were not for the intensive engineering incorporated in every SureFire WeaponLight™. From a shock-isolated lamp assembly to a specially cushioned battery stick, the perfection of the ultimate tactical light is found in a SureFire WeaponLight.

SureFire WeaponLights are as comprehensive as they are rugged. We offer a multitude of handgun systems, upgradeable shotgun sytems, Picatinny mounting rails, a multi-function vertical grip and a wide array of rifle systems for everything from an Armalite to an Uzi.

Our Millennium Universal System for the M4 battle rifle is perhaps the pinnacle of tactical design with a totally modular systematic approach to solving the operator's illumination needs. The MU System can be upgraded and configured for mission-specific requirements, all with the simple exchange of 6-, 9- and 12-volt battery housings and lamp modules. There is a choice of switches and mounting brackets too.

SureFire dedicated forend WeaponLights replace the factory-original forend on both rifles and shotguns with a replacement housing that incorporates a WeaponLight and its appropriate tactical switches. Some dedicated forends even come with separate LED navigation lights in addition to their main fighting lights.

Our handgun WeaponLights are designed to fit any handgun, with an ingenious trigger guard interface that allows the shooter to select any one of three configurations.

L72 laser, M900 Vertical Grip and MU System WeaponLight

COMMON TRAITS

SureFire WeaponLight systems share several common traits, all of which have been proven in combat to be exactly what you need in a tactical light. First and foremost, the switching is momentary with a pressure pad to allow the operator to strobe the light to confuse his adversary and to facilitate the core tactical principle of "light and move."

Because mission requirements vary– and police use differs from military– some of the systems allow for constant-on illumination while others utilize a disable switch to prevent accidental activation when stealth is paramount. Some models even incorporate both options.

SureFire WeaponLights are used by U.S. Special Forces, the LAPD SWAT team, Navy SEALs, the elite SAS Regiment and virtually all of the free world's top military and police teams. That's your confidence. That's SureFire.

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COOL SCIENCE AT WORK

SureFire laser sights cost more than any other brand because superior engineering isn't cheap. A Vernier dial elliptical zero, a hard-mounted diode, a green version six times brighter, an infrared version for night vision devices.

L72 laser in a front sight post mount

HANDGUN SYSTEMS

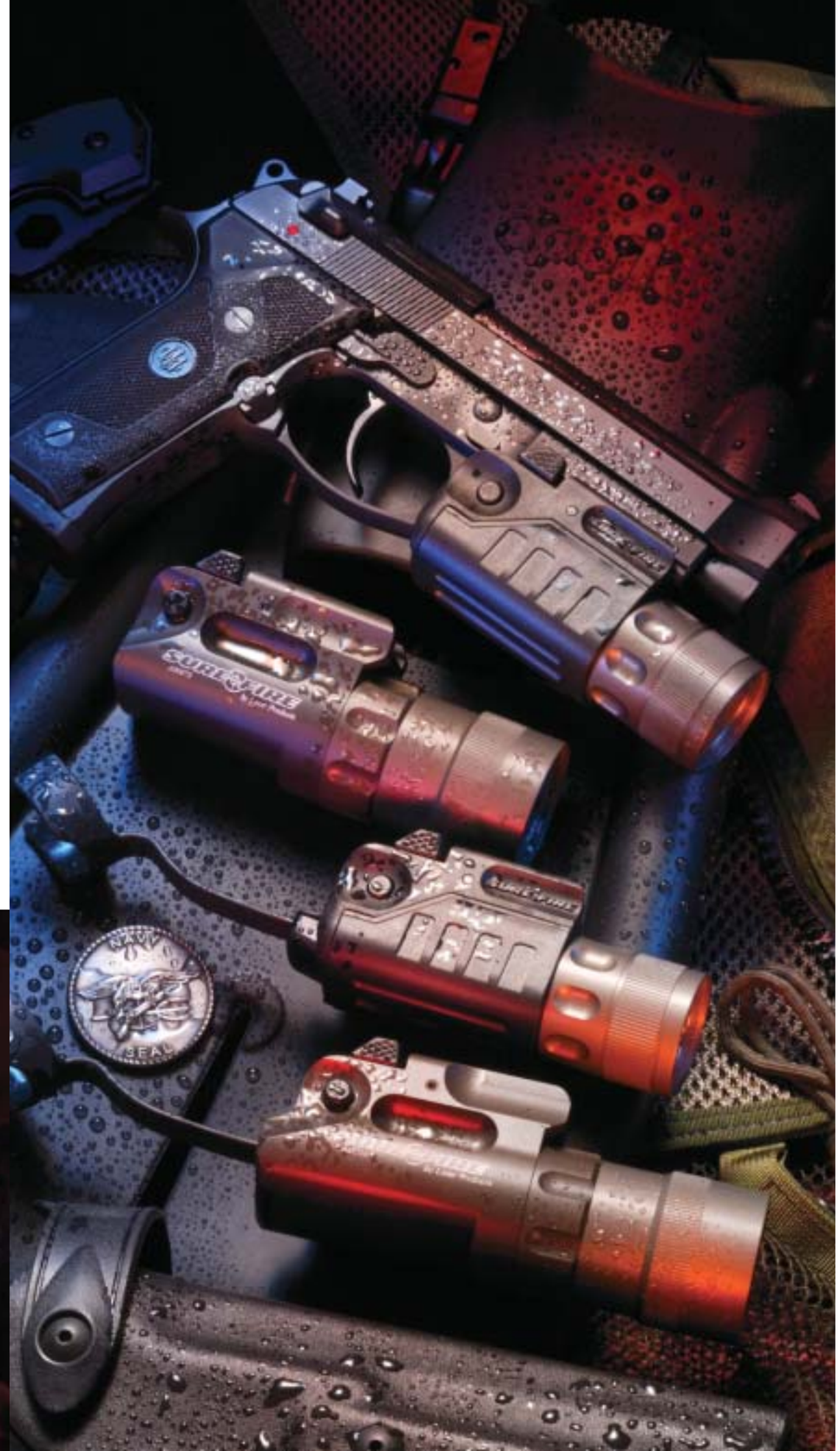
Ergonomics, not to mention common sense, dictates that a tactical light for a pistol must be operable by either hand, completely ambidextrous and seamless to transition. The light must also feature a pressure activated switch that can be utilized with any type of glove, from a SEAL's wet-suit to a Maine Trooper's thick winter hand-warmer. And the light should be capable of giving the operator a choice of either constant-on illumination or total disable to prevent an accidental activation.

Needless to say, the handgun-mounted tactical light must be impervious to recoil and as reliable as it is durable.

Anything less is an inferior tactical tool. And if nothing else is clear by now, SureFire does not make inferior tools.

SureFire's handgun WeaponLights fit on a wide variety of service autos with an ingenious trigger guard rail adapter that permits the user to interchange between lights, from our 6-volt Nitrolon to our 9-volt Millennium to our ultra-tough 6-volt Military model.

All can be ordered with SlimLine pressure switches that are custom fit to the type of weapon. All come with shock-isolated lamp assemblies. All come with the street-proven features you should demand in a tactical handgun light.



COOL SCIENCE AT WORK

The Navy SEALs asked SureFire to develop a diveable handgun light that could withstand water pressure up to a 150 feet. The SureFire answer is the totally bulletproof Military Model. (Other brands leak in a puddle.)

COOL SCIENCE
AT WORK

Blinding white light is itself a weapon. SureFire tactical lights are so bright that countless police reports prove suspects often capitulate without a fight, just from being helplessly blinded.

FORCE OPTION

Felons are human. Not in the touchy-feely, coddle-the-criminal sense, but in the physiological sense. Felons are human beings, which means they are bipedal hominids with sensitive diurnal vision that is highly susceptible to temporary blindness when impacted with dazzling bright light.

In other words, shine a SureFire in a suspect's eyes and he's out of the fight. At least until he recovers his eyesight, by which time you've taken the appropriate tactical steps to gain a position of advantage.

Police officers have long utilized the concept of working behind a "wall of light" when they execute nighttime car stops, using their bright spotlights and headlights to create a blinding shield of light.

SureFire tactical flashlights offer that same advantage in a portable, easy-to-deploy handheld device. For self-defense or police work, a SureFire gives you a "force option" of using a disabling white light before you step up to something more drastic—and permanent.

Even if you're not on the LAPD SWAT team banging doors to serve a felony warrant, you should still have the power of light available as a potential defensive tool. All SureFire handhelds and WeaponLights can be used as non-lethal "force options."

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COOL SCIENCE
AT WORK

When a police officer's Remington 870 barrel burst from firing a slug into a barrel obstruction, the steel peeled open like a banana. The SureFire dedicated forend WeaponLight was all that saved the man's hand from the force of the explosion.

SHOTGUN WEAPONLIGHTS

Work the action of a pump shotgun and you'll hear one of the most comforting sounds of reassurance since Sam Colt first thumbed back a Single Action Army. On the other hand, nothing inspires fear in a wrong-doer quicker than that metallic *shlack-shlack* as a Remington 870 slides into battery.

Which is one reason why the shotgun is such an effective home defense weapon. But we hasten to remind you to "Identify your target" before placing your finger on the trigger.

Equip your shotgun with a SureFire dedicated forend WeaponLight– and be sure.

M900

VERTICAL GRIP

Bristling with exotic aiming devices, night vision scopes, IR illuminators and SureFire WeaponLights and tactical lasers, the Special Forces standard-issue M4 battle rifle is a *tour de force* of high-tech firepower. At the heart of the system lies the Colt M16 5.56mm NATO assault rifle, essentially unchanged from the Vietnam era, but all around the black gun are the latest fighting accessories.

SureFire offers several WeaponLight sytems for the M4, but our foremost achievement is the M900 Vertical Grip. Designed to attach securely to a Picatinny forend, the M900 can be upgraded to a TurboHead lamp assembly for even brighter, more focused light than its standard 125 lumen configuration.

We offer a choice of attachments, either an ARMS throw-lever or a SureFire twin thumb-screw.

The M900 features a Millennium Series shock-isolated lamp assembly with a choice of 125 or 225 lumen lamps. Millennium filters lock sturdily to the M900's bezel, available in red, blue diffusion or infrared.

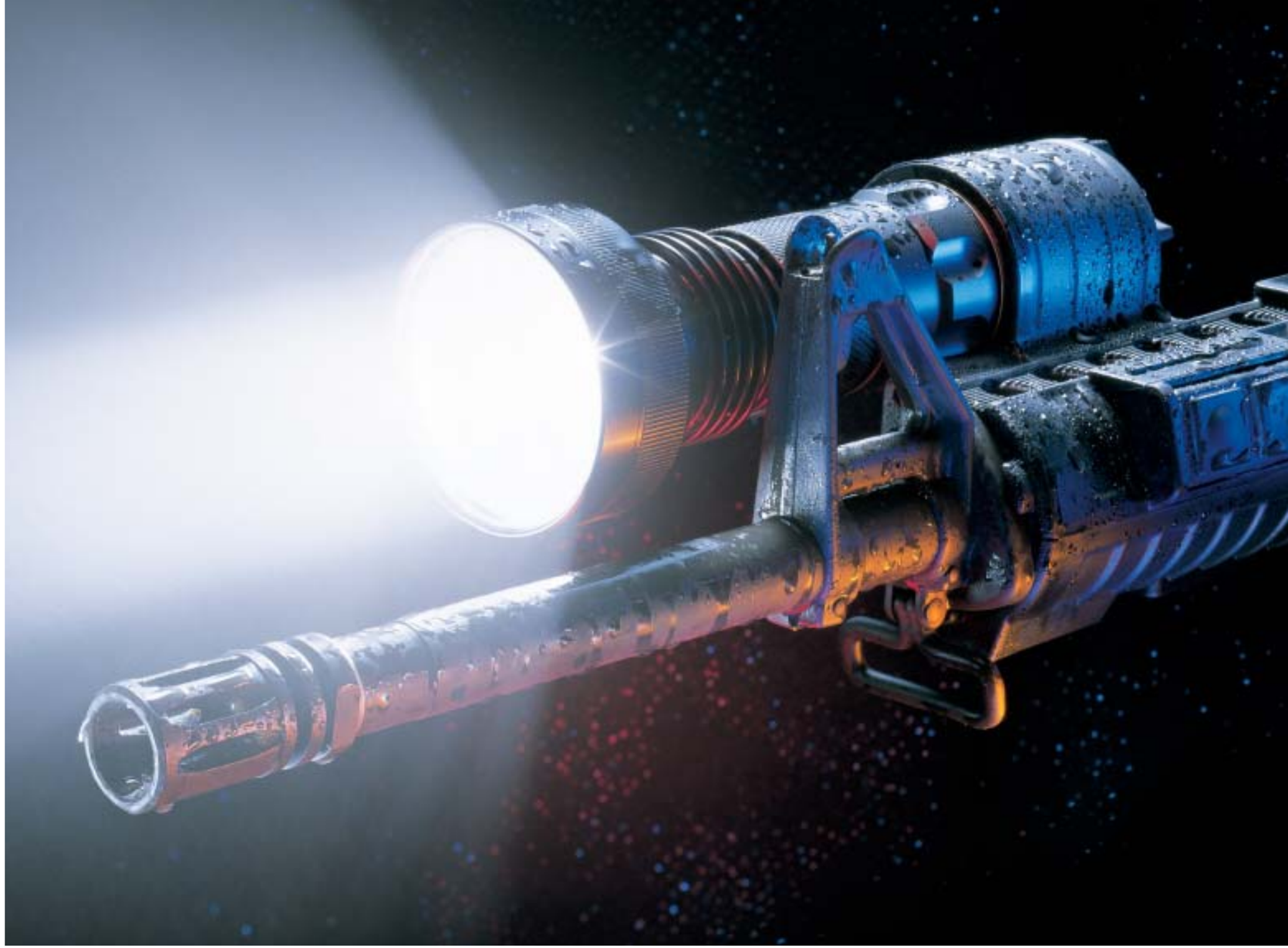
The M900 is in active service with Navy SEALs, the U.S. Marshals Special Operations Group and numerous Special Forces elements in Afghanistan.

COOL SCIENCE AT WORK

When the Picatinny forend was standardized for the M4 rifle, U.S. Special Forces asked SureFire to develop a multi-function illumination tool that could be mounted vertically on the forend. The M900 was our answer, complete with twin LED navigation lights, a 9-volt main battle light, constant-on, momentary pressure switches and a disable master switch.

COOL SCIENCE
AT WORK

A dedicated forend WeaponLight replaces the factory-standard forend with a completely integrated, self-contained unit that houses an upgradeable, shock-isolated battle light, a constant-on switch and a momentary pressure pad.



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DEDICATED FOREND WEAPONLIGHTS

Completely compatible with the factory original, a SureFire dedicated forend offers a self-contained tactical illumination tool that's integral with the weapon itself. Dedicated forends are available for select assault rifles and submachineguns from Heckler & Koch, Colt and SIG.

The forends come in a choice of three versions: a 9-volt standard bezel, a 9-volt TurboHead and a 12-volt TurboHead. All feature SureFire's battle-tested lamp assemblies with special shock-isolation to prevent damage from recoil.

Dual switching is standard with both a constant-on toggle and a tactically correct momentary pressure pad.

Upgradeable lamps are available from 125 to 500 lumens, depending on the choice of bezel configuration.

10

EDGED WEAPONS COLLABORATIONS

EDGED WEAPON COLLABORATIONS

Seeking excellence in every facet of our business, in 2002 SureFire initiated the first of what will be a series of collaboration projects with some of the most highly regarded custom knife makers in the tactical community. We commissioned Ernest Emerson of Emerson Knives and Mick Strider and Duane Dwyer of Strider Knives to create two new limited edition designs that would be sold with specially configured SureFire tactical flashlights. Matching serial numbers mate the knives with their lights.

Each of the two knifemakers designed a unique blade style, Emerson a folder and Strider a fixed blade. The Emerson offering is a production version of what was formerly only available as a custom made piece, the famed CQC-8 that Emerson collectors refer to as the “banana knife” for its unique blade shape.

We paired the Emerson CQC-8 with a specially finished C2 Centurion with a military-specification black hard anodizing. We had never offered black hard anodizing on a C2 before the Emerson collaboration.

The Strider model SF was designed by Mick Strider and Duane Dwyer as a soldier’s fighting knife. Made from ATS-34 blade steel specially formulated to Strider’s standards, the knife features an 8.5" spearpoint blade with a special heat treatment that renders the hand-ground blade virtually indestructible.

We mated the high-speed Strider blade to a low-drag SureFire CombatLight™, our top-of-the-line M2 Centurion from the Special Operations

Series of tactical illumination tools. The Strider M2 comes with a non-standard click-on tailcap from the MU System of WeaponLights™. This switch (#SW02) has never been made available on a handheld tactical light before. The Strider limited edition M2 Centurion also comes with a lock-out momentary tailcap.

Both special edition SureFire flashlights are limited to 1,000 matching sets with matching serial numbers.

The Strider fixed blade features 550 parachute cord for handle material while the Emerson knife uses non-slip G10 for its scales. The Emerson blade is finished in a tough, corrosion resistant coating while the Strider knife boasts the Strider signature finish of bead blasted tiger stripe camo.

As a tactical tool, SureFire handheld flashlights are proven in the field with the very same dedicated operators at a nearby SEAL base where Emerson's and Strider's blades have received so much real-world testing.

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COOL SCIENCE AT WORK

The finish on the Emerson limited edition C2 Centurion is a black hard anodized Type III MilSpec. You can't even scratch it with the Emerson knife to which it is paired.

SureFire Institute

Conceived and developed by SureFire president Dr. John Matthews, the SureFire Institute is a not-for-profit organization dedicated to providing law enforcement and military personnel with vital, life-saving techniques and strategies that will allow them to survive and prevail in low-light combative engagements. The SureFire Institute is recognized world-wide as the fountainhead of doctrine for low-light tactics.

The primary functions of the SureFire Institute are to serve as a clearinghouse of information about low-light combative concepts, and to disseminate the lessons learned on the street and on the battlefield through an ever-evolving program of specialized training. This training includes progressive live-fire courses and force-on-force scenarios using high-velocity paintball guns and Simunitions. This "force-on-force" training is particularly effective as it allows students to engage living, thinking adversaries who can and do shoot back, as opposed to static range targets.

The SureFire Institute's core offering is an 8-hour class called "Officer Survival In Low Light". Additionally, the SureFire Institute constantly updates and improves the doctrine it exists to define through input from professionals in the field who have been in actual gunfights and other real-world altercations.

SureFire Institute training is provided to qualified law enforcement officers and military operators by accredited private training companies that are staffed by certified SureFire Institute instructors.

SUREFIRE INSTITUTE

Authorized SureFire Institute Training Organizations

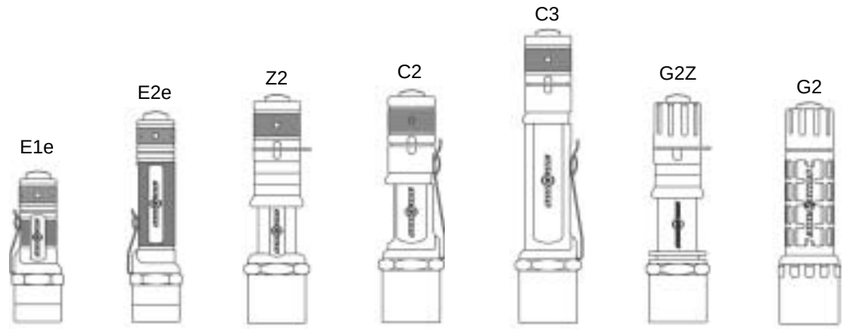
Combative Concepts
P.O. Box PMB284
864 North Second Street
El Cajon, CA 92021
(619) 850-3079

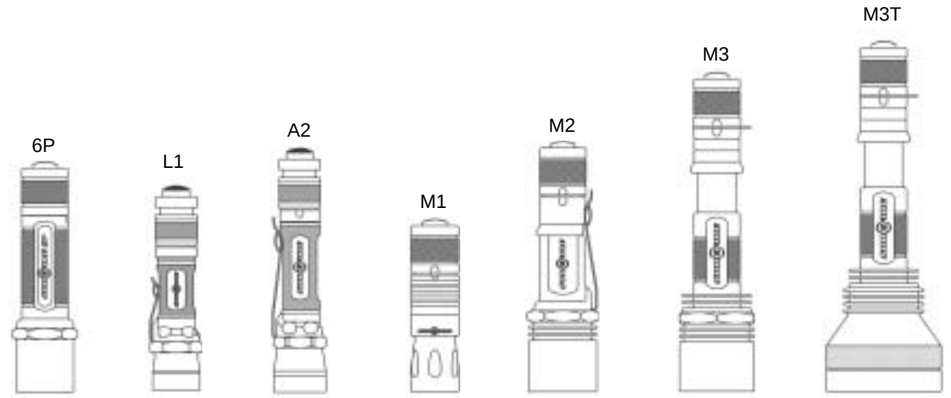
Heckler & Koch International Training Division
21480 Pacific Blvd.
Sterling, VA 20166
(703) 450-1900
www.hecklerkoch-usa.com

Firearms Training Associates
P.O. Box 554
Yorba Linda, CA 92885-0554
(714) 701-9918
www.ftatv.com

Orion Tactical Consulting
P.O. Box 180832
San Diego, CA 92178
(858) 268-8122
www.orion-tactical.com

TECHNICAL SPECIFICATIONS





	E1e	E2e	Z2	C2	C3	G2Z	G2	6P	L1	A2	M1	M2	M3	M3T
Performance														
Power in lumens	15	60	65	65	105	65	65	65	13 to 20	Lamp: 50 / LED: 3	10mw	65	125	125
Runtime in minutes	90	75	60	60	60	60	60	60	over 150	60 / 1,200	900	60	60	60
Lithium Batteries	One	Two	Two	Two	Three	Two	Two	Two	One	Two	One	Two	Three	Three
Lamp Assemblies	MN01	MN03	P60	P60	P90	P60	P60	P60	LED	MA02	LED	P60	MN10	MN15
Length	3.3"	4.5"	5.1"	5.1"	6.4"	5.1"	4.9"	5.1"	4.6"	5.9"	3.8"	5.2"	7.1"	7.8"
Weight	2.2 oz.	4 oz.	5 oz.	5 oz.	6.7 oz.	3.9 oz.	4.1 oz.	5 oz.	2.9 oz.	4 oz.	3.5 oz.	5.25 oz.	7 oz.	8 oz.
Bezel Diameter	1"	1"	1.25"	1.25"	1.25"	1.25"	1.25"	1.25"	1"	1.13"	1"	1.47"	1.62"	2.5"
Spares Carrier														
Empty	----	----	SC1	SC1	SC1	SC1	SC1	SC1	----	----	SC1	SC1	SC2	SC2
Optional Lamp Assembly	----	MN02	P61	P61	P91	P61	P61	P61	----	----	----	P61	MN11	MN16
Power in lumens	----	25	120	120	200	120	120	120	----	----	----	120	225	225
Run-tme in minutes	----	150	20	20	20	20	20	20	----	----	----	20	20	20
Bezel Mounted Items										----	----			
Red filter	F05	F05	FM35	FM35	FM35	FM35	FM35	FM35	F05	----	----	FM65	FM15	FM25
Blue filter	F06	F06	FM36	FM36	FM36	FM36	FM36	FM36	F06	----	----	FM66	FM16	FM26
Infrared filter	F03	F03	FM33	FM33	FM33	FM33	FM33	FM33	F03	----	----	FM63	FM13	FM23
BeamShaper (wide)	F04	F04	FM34	FM34	FM34	FM34	FM34	FM34	F04	----	----	FM64	FM14	FM24
Red traffic cone	----	----	F28	F28	F28	F28	F28	F28	----	----	----	F68	F38	----
Protective cover	----	----	FM37	FM37	FM37	FM37	FM37	FM37	----	----	----	FM67	FM17	FM27
Holsters														
Polymer CombatLight	----	----	V70	V70	V70	V70	V70	V70	----	----	----	V72	V71	V71
Leather, plain	----	----	----	----	----	----	V26	V26	----	----	----	----	----	----
Leather, basketweave	----	----	----	----	----	----	V27	V27	----	----	----	----	----	----
Leather, clarino	----	----	----	----	----	----	V28	V28	----	----	----	----	----	----
Nylon, quick release	----	V82	V20,V21	V20,V21	----	V20,V21	V20,V21	V20,V21	V82	V20,V21	----	----	----	----
Lanyard Systems														
Lanyard, tail-cap	----	----	included	Z26	Z26	included	Z26	Z26	----	Z50	included	Z26	included	included
Lanyard ring, bezel	----	----	Z12	Z12	Z12	Z12	Z12	Z12	----	----	included	Z12	----	----
Lanyard	Z50	Z50	included	Z27	Z27	included	Z27	Z27	Z50	----	----	Z27, Z50	included	included
Conversion Kits														
Premium LED (one-watt)	KL1	KL1	KL3	KL3	KL3	KL3	KL3	KL3	----	----	----	KL3	KL2	KL2
Premium LED (five-watt)	----	KL4	KL5	KL5	KL5	KL5	KL5	KL5	----	----	----	KL5	KL6	KL6
TurboHead	----	----	KT1	KT1	KT2	----	----	KT1	----	----	----	KT1	KT4	----
Rechargeable Kit	----	----	KR2	KR2	----	KR1	KR1	KR2	----	----	----	----	----	----
Turbo Lamp Assembly	----	----	N1	N1	N2	----	----	N1	----	----	----	N1	MN15, MN16	----
Rechargeable Battery	----	----	B65	B65	----	B65	B65	B65	----	----	----	----	----	----
Click On/Off Tailcap	Z57	Z57	Z49,Z59	Z48,Z49,Z58,Z59	Z48,Z49,Z58,Z59	Z49	Z49	Z49,Z59	----	----	----	Z48,Z58	Z48,Z58	Z48,Z58

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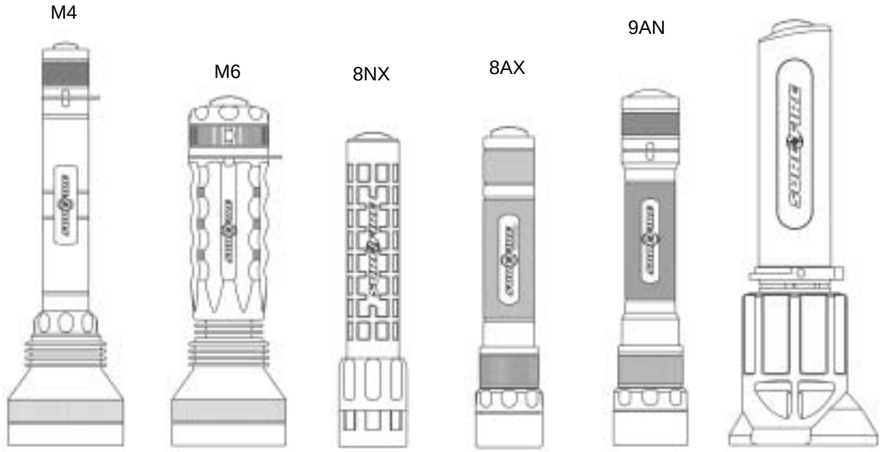

	M4	M6	8NX	8AX	9AN	10X
Performance						
Power in lumens	200	250	110	110	20 / 140	60 / 500
Runtime in minutes	60	60	50	50	120 / 40	180 / 18
Lithium Batteries	Four	Six	B90 Ni-Cd	B90 Ni-Cd	B90 Ni-Cd	B20 Ni-Cd
Lamp Assemblies	MN60	MN20	X80	X80	N90	MN30, MN31
Length	8.3"	7.75"	7"	6.9"	7.9"	9.5"
Weight	11 oz.	15 oz.	8 oz.	9.7 oz.	12.9 oz.	20 oz.
Bezel Diameter	2.5"	2.5"	1.47"	1.47"	1.62"	Dual
Spares Carrier						
Empty	SC2	SC2	----	----	----	----
Optional Lamp Assembly	MN61	MN21	----	----	----	MN32
Power in lumens	350	500	----	----	----	110
Run-tme in minutes	20	20	----	----	----	90
Bezel Mounted Items						
Red filter	FM25	FM25	FM65	FM65	FM15	----
Blue filter	FM26	FM26	FM66	FM66	FM16	----
Infrared filter	FM23	FM23	FM63	FM63	FM13	----
BeamShaper (wide)	FM24	FM24	FM64	FM64	FM14	----
Red traffic cone	----	----	F68	F68	F38	----
Protective cover	FM27	FM27	FM67	FM67	FM17	----
Holsters						
Polymer CombatLight	V71	----	V72	V72	V71	----
Leather, plain	----	----	V36	V36	V46	----
Leather, basketweave	----	----	V37	V37	V47	----
Leather, clarino	----	----	V38	V38	V48	----
Nylon, quick release	----	----	V31	V31	V41	V84
Lanyard Systems						
Lanyard, tail-cap	included	included	----	----	----	----
Lanyard ring, bezel	----	----	Z25	Z25	----	----
Lanyard	included	included	Z27	Z27	----	----
Conversion Kits						
Premium LED (one-watt)	----	----	----	----	----	----
Premium LED (five-watt)	----	KL6	KL7	KL7	----	----
TurboHead	----	----	KT5	KT5	KT3	----
Rechargeable Kit	----	----	----	----	----	----
Turbo Lamp Assembly	----	----	N5	N5	N3	----
Rechargeable Battery	----	----	B90	B90	B90	B20
Click On/Off Tailcap	Z48,Z58	----	----	----	----	----

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Lifetime Guarantee

Lamps will burn out, batteries will be used up, and switches for WeaponLights™ will eventually need to be replaced. Everything else is covered by our lifetime no-hassle guarantee: If it breaks, we fix it!

If it breaks, we fix it.

(Excluding batteries and lamps.)

Road-kill takes on new meaning when you see a squashed SureFire… that keeps on ticking! Here is an old model 12Z that a local cop brought in after he'd accidentally backed over it with his squad car. "Just wondering, ah, if your warranty would cover something like this?" he asked sheepishly. When we saw that the light still worked after a ton of Crown Vic had steamrolled it, we traded him a brand-new SureFire so that we could add this crunched 12Z to our SureFire Hall Of Fame. Amazingly, the lamp assembly was– and still is– fully functional. We don't guarantee that you can drive over your SureFire, but we do guarantee that a SureFire is as tough as a flashlight can be.

SUREFIRE®

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